

## WHAT IS CLAIMED IS:

1. A method of building a resource access table in a system for controlling access to resources comprising the steps of:
  - identifying a resource call in a process;
  - identifying a resource accessed by the resource call;
  - 5 analyzing the resource call by an intrusion detection module;
  - assigning permission to the resource;
  - writing a resource access table entry in a resource access table including data identifying the process, the resource and the permission;
  - such that when the process is executed and the process makes a resource
  - 10 call to the resource, access to the resource may be controlled by the permission data entry in the resource access table entry of the resource access table.
2. The method of building a resource access table of claim 1, wherein the step of identifying a resource call in a process is automated.
3. The method of building a resource access table of claim 1, wherein the step of identifying a resource accessed by the resource call is performed by a computer.
4. The method of building a resource access table of claim 1, wherein the step of assigning permission data to the resource is performed by software.
5. The method of building a resource access table of claim 1, further including the step of writing a resource access table entry to a process resource access table.
6. The method of building a resource access table of claim 5, wherein said process resource access table is compiled to generate a resource access table.

7. A method of building a resource access table in a system for controlling access to resources comprising the steps of:
- identifying a resource call in a process;
  - identifying a resource accessed by the resource call;
  - 5 analyzing the resource call by an intrusion detection module.
  - assigning permission to the resource call;
  - writing a resource access table entry in a resource access table including data identifying the process, the resource call, the resource and the permission;
  - such that when the process is executed and the process makes a resource
  - 10 call to the resource, access to the resource may be controlled by the permission data in the resource access table entry of the resource access table.
8. The method of building a resource access table of claim 7, wherein the step of identifying a resource call in a process is automated.
9. The method of building a resource access table of claim 7, wherein the step of identifying a resource accessed by the resource call is performed by a computer.
10. The method of building a resource access table of claim 7, wherein the step of assigning permission data to the resource is performed by software.
11. The method of building a resource access table of claim 7, further including the step of writing a resource access table entry to a process resource access table.
12. The method of building a resource access table of claim 11, wherein said process resource access table is compiled to generate a resource access table.